Index to Volume XV

Page numbers preceded by '(P)' refer to the summaries of papers read at the General Meetings of the Association of Clinical Pathologists

ABO and Rhesus blood groups in Perthes' disease (P), 91; 163
Adenosine phosphates, some effects of, upon platelet adhesiveness, 446
ADINOLFI, M. *See* BARKHAN, P., and ADINOLFI, M.
Adrenal cortical function, assessment of, after death in senile osteoporosis, 361
Agar-gel precipitin reactions, micro method for, 186
Agar gel, method for electrophoresis of colicines in, 484
—, method for permanent preservation of antigen-antibody precipitation lines in, 185
—, tellurite-egg-yolk, as selective medium for staphylococci in clinical bacteriology (P), 383
Age, fibrinolysis related to, in men (P), 89
Air recirculation and antibacterial surface treatment, system of, in surgical ward, 242
Albumin, radioiodinated human serum, estimation of plasma volume with, 459
ALDER, V. G., and GILLESPIE, W. A.: Tellurite-egg-yolk agar as a selective medium for staphylococci in clinical bacteriology (P), 383
ALEXANDER, M. K., BARROWCLIFF, D. F., PRIOR, A. P., ROBINSON, R., and SMITH, P.: Secretory properties of phaeochromocytomas (P), 384
ALEXANDER, R. F., and SPRIGGS, A. I.: A method for obtaining concentrates of eosinophils from blood, 188
Alimentary disease, reliability of biopsies in assessment of muscle potassium in (P), 92
Alkaline phosphatase, distribution of, in serum protein fractions, 195
— —, — —, — — proteins in hypophosphatasia, 200
— —, iso-enzymes of (P), 93
— —, serum, modifications to autoanalyzer method for (P), 94
Alpha$_1$ glycoproteins, estimation of, in health and disease, 585
Alpha-hydroxybutyric dehydrogenase activity, serum, colorimetric method for determination of, 566
Anaemia, aplastic, associated with tumours of thymus, 264
—, diagnosis and management of (Course sponsored by Association of Clinical Pathologists), 194
—, iron-deficiency, life span of erythrocytes in, 346
—, megaloblastic, treated with folic acid, changes in serum vitamin B_{12} levels in, 274
—, —, urinary excretion of histidine derivatives in, 269
—, pernicious, thyroid auto-antibodies in (P), 386
ANDERSON, J. R., BUCHANAN, W. W., GOUDIE, R. B., and GRAY, K. G.: Diagnostic tests for thyroid antibodies: a comparison of the precipitin and latex-fixation (Hyland TA) tests, 462
Antibacterial surface treatment and air recirculation, system of, in surgical ward, 242
Antibiotic bactericidal action, combined, methods of testing, and significance of results, 328
Antibodies, thyroid, diagnostic tests for: comparison of precipitin and latex-fixation (Hyland TA) tests, 462
Antibody, thyroglobulin, comparison of tests for, 153
Anticoagulant, circulating, occurring after temporal arteritis and controlled by corticosteroid therapy, 357
— treatment, oral, laboratory control of (P), 385
Antigen 51, coagulase-negative strains of staphylococcus possessing, as agents of urinary infection, 252
Antigen-antibody precipitation lines in agar, method for permanent preservation of, 185
Anti-leucocidin, staphylococcal, haemagglutination test for, 54
Antisera, 'incomplete', use of papain-EDTA for Rh typing with, 85
Antitetanus serum, acute disseminated encephalomyelitis, with massive necrosis of spinal cord, probably due to, 314
Aplastic anaemia, associated with tumours of thymus, 264
Arteritis, juvenile, case of (P), 383
—, temporal, circulating anticoagulant occurring after, and controlled by corticosteroid therapy, 357
Arthritis, rheumatoid, latex slide test for, using gamma globulin in patient's serum, 472
Association of Clinical Pathologists: Broadsheets, 39, 125, 290, 392, 490, 526
— — — —: Course on Diagnosis and Management of Anaemia, 194
— — — —: 67th General Meeting and Joint Meeting with Association of Clinical Biochemists, 89
— — — —: 68th General Meeting, 383
Autoanalyzer method for serum alkaline phosphatase, modifications to (P), 94
Autoantibodies, routine immunofluorescence method for detecting, to thyroid colloid, 594
—, thyroid, in pernicious anaemia (P), 386
Automation in haematology, practical experiences of (P), 91
AYLIFFE, G. A. J., and BEARD, M. A.: A system of air recirculation and antibacterial surface treatment in a surgical ward, 242

Bacterial cultures, fluorescent, cabinet for detection of, 339
BAGRATUNI, L.: The incidence of cryoglobulinaemia as determined by a turbidimetric method, 569
BAKER, S. J. *See* JOHNSON, S., SWAMINATHAN, S. P., and BAKER, S. J.
BALDOCK, E. *See* SANDLER, M., COVENEY, J., and BALDOCK, E.
BALL, E. W.: Relationship of coagulase activator to prothrombin (P), 92
—, and GILES, C.: The diagnostic value of serum folic acid levels using *Lactobacillus casei* (P), 386
Barbiturates, ion-exchange papers and reversed phase paper chromatography for separation of (P), 94
BARKHAN, P., and ADINOLFI, M.: Observations on the high foetal haemoglobin gene and its interaction with the thalassaemia gene, 350
BARNES, R. D. S., and O'GORMAN, P.: Two cases of aplastic anaemia associated with tumours of the thymus, 264
BARROWCLIFF, D. F. *See* ALEXANDER, M. K., BARROWCLIFF, D. F., PRIOR, A. P., ROBINSON, R., and SMITH, P.
BEALE, R. N., BOSTROM, J. O., and CROFT, D.: The determination of urinary 17-ketosteroids by an improved Zimmermann reaction, 574
—, —, and TAYLOR, R. F.: Improved rapid methods for the determination of iron content and binding capacity of serum, 156
—, and CROFT, D.: The determination of cholesterol in serum by persulphuric acid oxidation, 221
BEARD, M. A. *See* AYLIFFE, G. A. J., and BEARD, M. A.
BECKETT, A. G. *See* MATTHEWS, D. M., and BECKETT, A. G.
BENNETT, M. C. *See* CHANARIN, I., BENNETT, M. C., and BERRY, V.
BERRY, V. *See* CHANARIN, I., BENNETT, M. C., and BERRY, V.
BHASKARAN, C. S. *See* MURTI, B. R., RAJYALAKSHMI, K., and BHASKARAN, C. S.
Biopsies, reliability of, in assessment of muscle potassium in alimentary disease (P), 92
Biopsy, needle, of liver, 291
BIRD, E. S. *See* FRIEDMANN, I., HARRISON, D. F. N., and BIRD, E. S.
BIRD, R., and BURR, R. G.: A simple latex slide test for rheumatoid arthritis using the gamma globulin in the patient's serum, 472
BLECHER, T. E. *See* PROWSE, C. M., and BLECHER, T. E.
Blood and cerebrospinal fluid sugar levels, improved dinitrosalicylic acid method for determining, 169
— cell counter, EEL, technical notes on performing leucocyte counts on, 189
— clotting factors in cerebrospinal fluid, 497
— for transfusion, application of capillary-papain technique to rapid matching of, 47
— groups, ABO and Rhesus, in Perthes' disease (P), 91; 163
— haemoglobin determinations, control of, 44
—, method for obtaining concentrates of eosinophils from, 188
— pyruvate concentration measured by specific method in control subjects, 579
—, study in isolating circulating cancer cells from, 380
BLOOM, A. L.: The contact phase of coagulation in the presence of heparin, 508
Bones, limb, of monkeys (*Lagothrix humboldti*) with hyperparathyroidism, phosphatase activity in, 99
Book Reviews:
Baker, F. J.: *Handbook of Bacteriological Technique*, 1962, 596
British Postgraduate Medical Federation: *The Scientific Basis of Medicine; Annual Reviews*, 1961, 96
Ciba Foundation Symposium: *Renal Biopsy: Clinical and Pathological Significance*, 1961, 391
Cowan, S. T., and Steel, K. T.: *Diagnostic Tables for the Common Bacteria*, 1962, 488
Cummins, H., and Midlo, C.: *Finger Prints, Palms and Soles* (Introduction to Dermatoglyphics), 2nd ed., 1961, 489
Douglas, A. S.: *Anticoagulant Therapy*, 1962, 595
Fields, W. S., ed.: *Pathogenesis and Treatment of Cerebrovascular Disease*, 1961, 97
Gray, C. H.: *Bile Pigments in Health and Disease*, 1961, 97
Jessop, W. J. E., ed.: *Fearon's Introduction to Biochemistry*, 4th ed., 193
Macfarlane, R. G., and Robb-Smith, A. H. T., eds.: *Functions of the Blood*, 98
McGowan, G. K., and Sandler, M., eds.: *The Adrenal Cortex*, 1961, 97
Potter, E. L.: *Pathology of the Fetus and Infant*, 2nd ed., 391
Riches, Sir E., ed.: *Modern Trends in Urology*, 2nd series, 1960, 97
Schreiber, D.: *Einfuhring in die Blutmorphologie* (Introduction to the Morphology of Blood), 1960, 96
Shorter, R. G.: *Liver Biopsy: An Atlas of Histologic Appearances*, 489
Silverton, R. E., and Anderson, M. J.: *Handbook of Medical Laboratory Formulae*, 1961, 596
Smyth, C. N., ed.: *Medical Electronics*. Proceedings of the 2nd International Conference on Medical Electronics, 1960, 95
Spencer, F. M., and Monroe, L. S.: *The Color Atlas of Intestinal Parasites*, 1961, 596

Book reviews (*contd.*):

Steedman, H. F.: *Section Cutting in Microscopy*, 1960, **96**
Sutherland, R.: *Cancer: The Significance of Delay*, 1960, **96**
Texas University, M. D. Anderson Hospital and Tumor Institute: *Cell Physiology of Neoplasia*, 1960, **95**
Tievsky, G.: *Ionizing Radiations*, 1962, **488**
Villee, C. A.: *The Placenta and Fetal Membranes*, 1960, **95**
Walshe, J. M., and Cumings, J. N., eds.: *Wilson's Disease*. Some current concepts, 1961, **596**
Willis, R. A., ed.: *Principles of Pathology Including Bacteriology*, 2nd ed., 1961, **391**
Yates, P. O., and Hutchinson, E. C.: *Cerebral Infarction: The Role of Stenosis of the Extracranial Cerebral Arteries* (M.R.C. *Spec. Rep. Ser. med. Res. Coun.* (*Lond.*), *No.* 300), 1961, **193**
BOSTROM, J. O. *See* BEALE, R. N., BOSTROM, J. O., and CROFT, D.
—. *See* BEALE, R. N., BOSTROM, J. O., and TAYLOR, R. F.
BRACKENRIDGE, C. J.: Cerebrospinal fluid protein fractions in health and disease, **206**
BRAGG, J. *See* FOSTER, W. D., and BRAGG, J.
Brain slices, fresh, macroscopic demonstration of infarction in, **593**
—, swelling of, associated with minor burns (P), **90**
Breast, sarcoma of, with particular reference to its origin from fibroadenoma, **1**
BRUNING, E. G. H.: Congenital defect of the pericardium, **133**
BUCHANAN, W. W. *See* ANDERSON, J. R., BUCHANAN, W. W., GOUDIE, R. B., and GRAY, K. G.
Burns, minor, swelling of brain associated with (P), **90**
BURR, R. G. *See* BIRD, R., and BURR, R. G.

Cabinet for detection of fluorescent bacterial cultures, **339**
Calcification, bilateral renal cortical necrosis associated with, **31**
CALDWELL, R. A.: Assessment of adrenal cortical function after death in cases of senile osteoporosis, **361**
—: Observations on the incidence, aetiology, and pathology of senile osteoporosis, **421**
CALEY, J. P., JONES, E. E., and COLLINS, D. H.: Fatal recurrence of parathyroid carcinoma after seven years, **438**
CAMERON, H. M.: A case of juvenile arteritis (P), **383**
CAMERON, J. M., and IZATT, M. M.: The ABO and Rhesus blood groups in Perthes' disease (P), **91**; **163**
CAMPANA, A. O. *See* FLEAR, C. T. G., CAMPANA, A. O., and FLORENCE, I.
CAMPBELL, J. A., and CRUICKSHANK, A. H.: Cystadenoma and cystadenocarcinoma of the pancreas (P), **90**; **432**
CAMPBELL-REID, C. *See* EMERY, J. L., and CAMPBELL-REID, C.
Cancer cells, circulating, study in isolating, from blood, **380**
Candida albicans, serum tube identification of, **563**
CANDREVIOTIS, N.: Haematoxylin bodies in Hodgkin's disease, **542**
Capillary-papain technique, application of, to rapid matching of blood for transfusion, **47**
Carboxyhaemoglobin, colorimetric method for determination of, over wide range of concentrations, **82**
Carcinoma, parathyroid, fatal recurrence of, after seven years, **438**
CARTER, A., and MARTIN, N. H.: Serum sialic acid levels in health and disease, **69**
Casts, urinary, nature of, **367**
Catheterization of female patients, causes and prevention of urinary infection following (P), **383**
Cells preserved by freezing, improved container for, **591**
Cerebral disorders, hypernatraemia in, **211**
— lipidoses, histochemical study of various forms of, **324**
Cerebrospinal fluid and blood sugar levels, improved dinitrosalicylic acid method for determining, **169**
— —, blood clotting factors in, **497**
— — protein fractions in health and disease, **206**
CHAKRABARTI, R., and FEARNLEY, G. R.: The 'fibrinolytic potential' as a simple measure of spontaneous fibrinolysis, **228**
CHANARIN, I., BENNETT, M. C., and BERRY, V.: Urinary excretion of histidine derivatives in megaloblastic anaemia and other conditions and a comparison with the folic acid clearance test, **269**
CHAPPLE, P. J.: A method for the electrophoresis of colicines in agar gel, **484**
Chloramphenicol, resistance of *Salmonella typhi* to, **544**
Cholesterol, determination of, in serum by persulphuric acid oxidation, **221**
Chordoma, fine structure of, with particular reference to physaliphorous cell, **116**
Chromatography, reversed phase paper, and ion-exchange papers, for separation of barbiturates (P), **94**
Cirrhosis of liver, histological changes in thyroid in, **26**
CLEEVE, H.: Biochemical experiences in partial hepatectomy (P), **93**
Clotting factors, blood, in cerebrospinal fluid, **497**
— test, improved plasma recalcified, and modification as heparin retarded clotting test, **86**; (P), **92**
Coagulase activator, relationship of, to prothrombin (P), **92**
Coagulase-negative strains of staphylococcus possessing antigen 51 as agents of urinary infection, **252**
Coagulation, contact phase of, in presence of heparin, **508**
— mechanism, portable water-bath for use when investigating, **289**
Cocaine, some effects of, upon platelet adhesiveness, **446**
Colicines, method for electrophoresis of, in agar gel, **484**
College of Pathologists (Editorial), **393**
COLLINS, D. H. *See* CALEY, J. P., JONES, E. E., and COLLINS, D. H.
Colorimetric method for determination of carboxyhaemoglobin, over wide range of concentrations, **82**
— — — — — serum alpha-hydroxybutyric dehydrogenase activity, **566**
COOK, I. J. Y. *See* MOHUN, A. F., and COOK, I. J. Y.
COOKE, K. B., and PATSTON, V. J.: Some modifications to the auto-analyzer method for serum alkaline phosphatase (P), **94**
Copper, determination of, in biological materials by flame spectrophotometry, **181**
CORNES, J. S., and JONES, T. G.: Leukaemic lesions of the gastrointestinal tract, **305**
Corticosteroid therapy, circulating anticoagulant occurring after temporal arteritis and controlled by, **357**
Corynebacterium diphtheriae, modified toxigenicity test for, **88**
COVENEY, J. *See* SANDLER, M., COVENEY, J., and BALDOCK, E.
COX, A. G., and HINCHLIFFE, Z.: A method for the determination of free ^{131}I in radio-iodinated lipids, **76**
CRAIK, J. E. *See* FERGUSON, I. C., CRAIK, J. E., and GRIST, N. R.
CROFT, D. *See* BEALE, R. N., BOSTROM, J. O., and CROFT, D.
—. *See* BEALE, R. N., and CROFT, D.
CROME, L., and VALENTINE, J. C.: Pulmonary nodular granulomatosis caused by inhaled vegetable particles, **21**
Cross-infection with *Serratia marcescens*, **145**
CROSTI, P. F., and LUCCHELLI, P. E.: An easy method to determine the serotonin content of human platelets, **191**
CROWLEY, N. *See* MCARTHUR, J. R., and CROWLEY, N.
—. *See* TURNER, P., JHA, V. N., CROWLEY, N., and SHERLOCK, S.
CRUICKSHANK, A. H. *See* CAMPBELL, J. A., and CRUICKSHANK, A. H.
Cryoglobulinaemia, incidence of, as determined by turbidimetric method, **569**
CURRAN, R. C., and DODGE, O. G.: Sarcoma of breast, with particular reference to its origin from fibroadenoma, **1**
CURTAIN, C. C.: Separation of haemoglobins Lepore and H from A and A_2 in starch or acrylamide gels buffered with tris-E.D.T.A., **288**
Cystadenoma and cystadenocarcinoma of pancreas (P), **90**; **432**
Cytology, exfoliative, application of Feulgen reaction to smears in, **387**
—, malignant, and the clinical pathologist (P), **386**
Cytomegalic inclusion-body disease, pulmonary, in diabetic, **17**

Dextrose solutions, red cell aggregation in, **161**
Diabetic, pulmonary cytomegalic inclusion-body disease in, **17**
DIBLE, J. H.: Comment (on pneumoconioses), **399**
Dinitrosalicylic acid method, improved, for determining blood and cerebrospinal fluid sugar levels, **169**
DODGE, O. G. *See* CURRAN, R. C., and DODGE, O. G.
DUBOWITZ, V. *See* SHEDDEN, W. I. H., POTTER, C. W., DUBOWITZ, V., and WOOD, M.

EASTHAM, R. D.: An improved plasma recalcified clotting test and its modification as a simple rapid heparin retarded clotting test, **86**
—: An improved rapid heparin tolerance test and its use in the post-operative period (P), **92**
EASTON, J. A., HARDWICKE, J., and WHITEHEAD, P. H.: The estimation of two alpha$_1$ glycoproteins (orosomucoid and another alpha$_1$ acid glycoprotein) in health and disease, **585**
EEL blood cell counter, technical notes on performing leucocyte counts on, **189**
Effusions, malignant, lactate dehydrogenase activity in diagnosis of, **57**
Electrophoresis, high-voltage, and its clinical applications (P), **93**
— of colicines in agar gel, method for, **484**
EMERY, J. L., and CAMPBELL-REID, C.: Swelling of the brain associated with minor burns (P), **90**
Emphysema, obstructive, and acute laryngitis, in newborn (P), **90**
Encephalomyelitis, acute disseminated, with massive necrosis of spinal cord, probably due to antitetanus serum, **314**
Endocarditis, Q fever, clinical, virological, and pathological findings in fatal case of, **235**
Eosinophils, method for obtaining concentrates of, from blood, **188**
Erythrocytes, ^{51}Cr-labelled, estimation of red cell volume with, **459**
—, life span of, in iron-deficiency anaemia, **346**
—, lysed, precipitin reaction between serum and, **40**
Escherichia coli O.128, epidemic of gastroenteritis due to uncommon variant of, **482**
EVANS, D. G.: A microtome knife guard, **390**
Exfoliated 'myeloma cells' in urine of case of multiple myelomatosis, **136**
Exfoliative cytology, application of Feulgen reaction to smears in, **387**

Faecal trypsin estimation, diagnostic value of, in chronic pancreatic disease, **62**
FARTHING, C. P. *See* RAWSTRON, J. R., and FARTHING, C. P.
Fats, iodinated, in study of gastrointestinal function (P), **385**
FAWCETT, J. K. *See* LANDON, J., FAWCETT, J. K., and WYNN, V.
FEARNLEY, G. R. *See* CHAKRABARTI, R., and FEARNLEY, G. R.
FERGUSON, I. C., CRAIK, J. E., and GRIST, N. R.: Clinical, virological, and pathological findings in a fatal case of Q fever endocarditis, **235**

FERRARI, A.: General aspects of automation (P), **91**
FESSEY, B. M. *See* WHITFIELD, A. G. W., MEYNELL, M. J., FESSEY, B. M., and HUDSON, W. A.
Feulgen reaction, application of, to smears in exfoliative cytology, **387**
Fibrin, character and staining of, **401**
Fibrinolysis related to age in men (P), **89**
'Fibrinolytic potential' as simple measure of spontaneous fibrinolysis, **228**
Fibroadenoma, sarcoma of breast, with particular reference to its origin from, **1**
FIELD, E. J., MILLER, H., and RUSSELL, D. S.: Observations on glial inclusion bodies in a case of acute disseminated sclerosis, **278**
Flame spectrophotometry, determination of copper in biological materials by, **181**
FLEAR, C. T. G., CAMPANA, A. O., and FLORENCE, I.: Reliability of biopsies in assessment of muscle potassium in patients with alimentary disease (P), **92**
FLETT, R. L. *See* OSBORN, G. R., and FLETT, R. L.
FLORENCE, I. *See* FLEAR, C. T. G., CAMPANA, A. O., and FLORENCE, I.
Fluorescent bacterial cultures, cabinet for detection of, **339**
Fluorimetric method for estimation of free 11-hydroxycorticoids in human plasma, **374**
Foetal haemoglobin gene, high, and its interaction with thalassaemia gene, **350**
Folic acid, changes in serum vitamin B_{12} levels in megaloblastic anaemia treated with, **274**
— — clearance test, comparison with urinary excretion of histidine derivatives, **269**
— — levels, serum, diagnostic value of, using *Lactobacillus casei* (P), **386**
FOSTER, W. D., and BRAGG, J.: Biochemical classification of Klebsiella correlated with the severity of the disease, **478**
FRANGLEN, G.: High-voltage electrophoresis and its clinical applications (P), **93**
FRANKS, E. H. *See* JONES, J. H., KILPATRICK, G. S., and FRANKS, E. H.
FRASER, D. S. *See* LENDRUM, A. C., FRASER, D. S., SLIDDERS, W., and HENDERSON, R.
FRIEDMANN, I., HARRISON, D. F. N., and BIRD, E. S.: The fine structure of chordoma with particular reference to the physaliphorus cell, **116**

Gamma globulin in patient's serum, latex slide test for rheumatoid arthritis using, **472**
Gamma-globulin fraction, protective, interfering with zinc sulphate turbidity test, isolation of, **73**
GARDIKAS, C., LYBERATOS, C., KALLINIKOS, G., and KALLINIKOU, M.: Observations on the separate assessment of Prower-Stuart factor activities, **501**
GARROD, L. P., and WATERWORTH, P. M.: Methods of testing combined antibiotic bactericidal action and the significance of the results, **328**
Gastric mucopolysaccharides, secretory pattern of, using histamine and insulin as stimulants (P), **89**
Gastroenteritis, epidemic of, due to uncommon variant of *Escherichia coli* O.128, **482**
Gastro-intestinal function, iodinated fats and proteins in study of (P), **385**
Gastrointestinal tract, leukaemic lesions of, **305**
Gels, starch or acrylamide, buffered with tris-E.D.T.A., separation of haemoglobins in, **288**
GEORGES, R. J., and SMALL, N. A.: The determination of 3-methoxy 4-hydroxy mandelic acid in urine, **388**
GHOSE, T. *See* NAIRN, R. C., GHOSE, T., PORTEOUS, I. B., and URQUHART, J. A.
GILBEY, B. E., and LINDARS, J. M.: The application of the capillary-papain technique to the rapid matching of blood for transfusion, **47**
GILES, C. *See* BALL, E. W., and GILES, C.
GILLESPIE, W. A. *See* ALDER, V. G., and GILLESPIE, W. A.
—. *See* LINTON, K. B., SLADE, N., LENNON, G. G., and GILLESPIE, W. A.
Glial inclusion bodies in case of acute disseminated sclerosis, **278**
Glycogen content, lymphocyte, in various diseases, **36**
Glycoproteins, alpha$_1$, estimation of, in health and disease, **585**
GOFFI, G. P. *See* JONES, R. V., GOFFI, G. P., and HUTT, M. S. R.
GOUDIE, R. B. *See* ANDERSON, J. R., BUCHANAN, W. W., GOUDIE, R. B., and GRAY, K. G.
GRANT, G. H. *See* SYMONS, M., REES, E., and GRANT, G. H.
Granulomatosis, pulmonary nodular, caused by inhaled vegetable particles, **21**
GRAY, K. G. *See* ANDERSON, J. R., BUCHANAN, W. W., GOUDIE, R. B., and GRAY, K. G.
GREEN, S. M.: Mercury sensitivity of staphylococci, **249**
GRIFFITHS, P. W. W. *See* VOLLUM, R. L., and GRIFFITHS, P. W. W.
GRIST, N. R. *See* FERGUSON, I. C., CRAIK, J. E., and GRIST, N. R.

Haemagglutination in acute hepatitis and other diseases, **491**
— in hepatitis, epidemiological study of, **494**
— test for staphylococcal anti-leucocidin, **54**
Haematology, automation in, practical experiences of (P), **91**
Haematoxylin bodies in Hodgkin's disease, **542**
Haemoglobin determinations, blood, control of, **44**
— gene, high foetal, and its interaction with thalassaemia gene, **350**
Haemoglobins, Lepore and H, separation of, from A and A$_2$ in starch or acrylamide gels buffered with tris-E.D.T.A., **288**
HARDWICKE, J. *See* EASTON, J. A., HARDWICKE, J., and WHITEHEAD, P. H.
HARPER, F. E. *See* TRINDER, P., and HARPER, F. E.
HARRISON, D. F. N. *See* FRIEDMANN, I., HARRISON, D. F. N., and BIRD, E. S.
HARRISON, W. J.: Estimation of total marrow cellularity in man by the radioactive iron method using both rib and aspirated marrow samples (P), **91**
—: The total cellularity of the bone marrow in man, **254**
HART, D., and METZ, J.: The estimation of red cell volume with ^{51}Cr-labelled erythrocytes and plasma volume with radioiodinated human serum albumin, **459**
HASSAN, A. M. *See* HEARD, B. E., HASSAN, A. M., and WILSON, S. M.
HAUSMANOWA-PETRUSEWICZ, I. *See* NIEWIAROWSKI, S., HAUSMANOWA-PETRUSEWICZ, I., and WEGRZYNOWICZ, Z.
HAYDEN-SMITH, S., and SCHRIRE, L.: A modified toxigenicity test for *Corynebacterium diphtheriae*, **88**
HEARD, B. E., HASSAN, A. M., and WILSON, S. M.: Pulmonary cytomegalic inclusion-body disease in a diabetic, **17**
Heart disease, rheumatic, kidney in, **414**
HENDERSON, R. *See* LENDRUM, A. C., FRASER, D. S., SLIDDERS, W., and HENDERSON, R.
Heparin, contact phase of coagulation in presence of, **508**
— retarded clotting test, **86**
— tolerance test, improved, and use in post-operative period (P), **92**
Hepatectomy, partial, biochemical experiences in (P), **93**
Hepatitis, acute, haemagglutination in, **491**
—, epidemiological study of haemagglutination in, **494**
HILTON, H. B.: Skeletal pigmentation due to tetracycline, **112**
HINCHLIFFE, Z. *See* COX, A. G., and HINCHLIFFE, Z.
Histidine derivatives, urinary excretion of, in megaloblastic anaemia and other conditions and comparison with folic acid clearance test, **269**
Hodgkin's disease, haematoxylin bodies in, **542**
HODSON, A. W. *See* LATNER, A. L., and HODSON, A. W.
HOLLIDAY, T. D. S.: Malignant cytology and the clinical pathologist (P), **386**
HORROCKS, J. E., KING, J., WAIND, A. P. B., and WARD, J.: Lactate dehydrogenase activity in the diagnosis of malignant effusions, **57**
Hospital wards, dispersal of staphylococci in, **552**
Hospitals, Group 9, staphylococcal infections in, **141**
HUDSON, W. A. *See* WHITFIELD, A. G. W., MEYNELL, M. J., FESSEY, B. M., and HUDSON, W. A.
HUNTSMAN, R. G., HURN, B. A. L., IKIN, E. W., LEHMANN, H., and LIDDELL, J.: Red cell antigens and enzymes after storage at −196°C., −100°C., and −78°C. (P), **93**
HURDLE, A. D. F., and ROSIN, A. J.: Red cell volume and red cell survival in normal aged people, **343**
HURN, B. A. L. *See* HUNTSMAN, R. G., HURN, B. A. L., IKIN, E. W., LEHMANN, H., and LIDDELL, J.
HUSBAND, A. D. *See* LYNCH, J. B., and HUSBAND, A. D.
HUTCHISON, J. G. P.: A method for permanent preservation of antigen-antibody precipitation lines in agar, **185**
HUTT, M. S. R. *See* JONES, R. V., GOFFI, G. P., and HUTT, M. S. R.
11-Hydroxycorticoids, free, in human plasma, fluorimetric method for estimation of, **374**
Hyland TA test, for thyroid antibodies, **462**
Hypernatraemia in cerebral disorders, **211**
Hyperparathyroidism, phosphatase activity in limb bones of monkeys (*Lagothrix humboldti*) with, **99**
Hypophosphatasia, distribution of alkaline phosphatase in serum proteins in, **200**

IKIN, E. W. *See* HUNTSMAN, R. G., HURN, B. A. L., IKIN, E. W., LEHMANN, H., and LIDDELL, J.
Immunofluorescence method, routine, for detecting autoantibodies to thyroid colloid, **594**
Inclusion bodies, glial, in case of acute disseminated sclerosis, **278**
Inclusion-body disease, pulmonary cytomegalic, in diabetic, **17**
Infarction, macroscopic demonstration of, in fresh brain slices, **593**
Inhaled vegetable particles, pulmonary nodular granulomatosis caused by, **21**
Iodinated fats and proteins in study of gastro-intestinal function (P), **385**
Iodine, free radioactive, determination of, in radio-iodinated lipids, **76**
Ion-exchange papers for separation of barbiturates (P), **94**
Iron content and binding capacity of serum, improved methods for determination of, **156**
Iron-deficiency anaemia, life span of erythrocytes in, **346**
Iron, radioactive, estimation of total marrow cellularity in man by (P), **91**
—, —, practical uses of (P), **385**
IRVINE, W. J. *See* PHILP, J. R., WEIR, D. M., STUART, A. E., and IRVINE, W. J.
Iso-enzymes of alkaline phosphatase (P), **93**
Isotope laboratory, clinical, establishment of (P), **384**
IZATT, M. M. *See* CAMERON, J. M., and IZATT, M. M.

JEFFREE, G. M.: Phosphatase activity in the limb bones of monkeys (*Lagothrix humboldti*) with hyperparathyroidism, **99**
JHA, V. N. *See* TURNER, P., JHA, V. N., CROWLEY, N., and SHERLOCK, S.
JOHNSON, S., SWAMINATHAN, S. P., and BAKER, S. J.: Changes in serum vitamin B_{12} levels in patients with megaloblastic anaemia treated with folic acid, **274**
JONES, D. M., and O'CONNOR, P. M.: *Pasteurella haemolytica* var. *ureae* from human sputum, **247**
JONES, E. E. *See* CALEY, J. P., JONES, E. E., and COLLINS, D. H.
JONES, J. H., KILPATRICK, G. S., and FRANKS, E. H.: Red cell aggregation in dextrose solutions, **161**
JONES, R. V., GOFFI, G. P., and HUTT, M. S. R.: Lymphocyte glycogen content in various diseases, **36**
JONES, T. G. *See* CORNES, J. S., and JONES, T. G.

KALLINIKOS, G. *See* GARDIKAS, C., LYBERATOS, C., KALLINIKOS, G., and KALLINIKOU, M.
KALLINIKOU, M. *See* GARDIKAS, C., LYBERATOS, C., KALLINIKOS, G., and KALLINIKOU, M.
KEANE, P. M. *See* TAYLOR, G., and KEANE, P. M.
KELLEHER, J., and WALTERS, G.: Chemical tests for phaeochromocytoma (P), **384**
17-Ketosteroids, urinary, determination of, by improved Zimmermann reaction, **574**
Kidney in rheumatic heart disease, **414**
KILPATRICK, G. S. *See* JONES, J. H., KILPATRICK, G. S., and FRANKS, E. H.
KING, J. *See* HORROCKS, J. E., KING, J., WAIND, A. P. B., and WARD, J.
Klebsiella, biochemical classification of, correlated with severity of associated disease, **478**
KNAPPETT, C. R. *See* MCCALL, A. J., and KNAPPETT, C. R.
KORNER, N. H.: Distribution of alkaline phosphatase in serum protein fractions, **195**
—: — — — — — the serum proteins in hypophosphatasia, **200**

Laboratory, clinical isotope, establishment of (P), **384**
Lactate dehydrogenase activity in diagnosis of malignant effusions, **57**
LANDON, J., FAWCETT, J. K., and WYNN, V.: Blood pyruvate concentration measured by a specific method in control subjects, **579**
Laryngeal dysfunction and pulmonary syndrome of newborn, **527**
Laryngitis, acute, and obstructive emphysema in newborn (P), **90**
Latex-fixation test, for thyroid antibodies, **462**
Latex particle precipitation test in diagnosis of thyroid disease, **148**
— slide test for rheumatoid arthritis using gamma globulin in patient's serum, **472**
LATNER, A. L., and HODSON, A. W.: Iso-enzymes of alkaline phosphatase (P), **93**
LEHMANN, H. *See* HUNTSMAN, R. G., HURN, B. A. L., IKIN, E. W., LEHMANN, H., and LIDDELL, J.
LENDRUM, A. C., FRASER, D. S., SLIDDERS, W., and HENDERSON, R.: Studies on the character and staining of fibrin, **401**
LENNON, G. G. *See* LINTON, K. B., SLADE, N., LENNON, G. G., and GILLESPIE, W. A.
Leucocyte counts on EEL blood cell counter, technical notes on performing, **189**
Leucocytes, osmotic fragility of, in leucopenic disorders (P), **89**
Leucopenic disorders, osmotic fragility of leucocytes in (P), **89**
Leukaemic lesions of gastrointestinal tract, **305**
LIDDELL, J. *See* HUNTSMAN, R. G., HURN, B. A. L., IKIN, E. W., LEHMANN, H., and LIDDELL, J.
LILLY, H. A. *See* LOWBURY, E. J., LILLY, H. A., and WILKINS, M.D.
Limb bones of monkeys (*Lagothrix humboldti*) with hyperparathyroidism, phosphatase activity in, **99**
LINDARS, J. M. *See* GILBEY, B. E., and LINDARS, J. M.
LINTON, K. B., SLADE, N., LENNON, G. G., and GILLESPIE, W. A.: Causes and prevention of urinary infection following catheterization of female patients (P), **383**
Lipidoses, cerebral, histochemical study of various forms of, **324**
Lipids, radio-iodinated, determination of free ^{131}I in, **76**
Liver, cirrhosis of, histological changes in thyroid in, **26**
—, needle biopsy of, **291**
LOWBURY, E. J. L., LILLY, H. A., and WILKINS, M. D.: A cabinet for the detection of fluorescent bacterial cultures, **339**
LUBRAN, M.: Iodinated fats and proteins in the study of gastrointestinal function (P), **385**
—: Use of radioactive potassium, sodium, and other agents (P), **385**
LUCCHELLI, P. E. *See* CROSTI, P. F., and LUCCHELLI, P. E.
LYBERATOS, C. *See* GARDIKAS, C., LYBERATOS, C., KALLINIKOS, G., and KALLINIKOU, M.
Lymphocyte glycogen content in various diseases, **36**
LYNCH, J. B., and HUSBAND, A. D.: Subcutaneous phycomycetosis, **126**
Lysed erythrocytes, precipitin reaction between serum and, **40**

MCARTHUR, J. R., and CROWLEY, N.: An epidemiological study of haemagglutination in hepatitis, **494**
MCCALL, A. J., and KNAPPETT, C. R.: Plumbism in the pottery industry (P), **386**
MCGOWAN, G. K., and WILLS, M. R.: The diagnostic value of faecal trypsin estimation in chronic pancreatic disease, **62**
MACKENZIE, D. W. R.: Serum tube identification of *Candida albicans*, **563**
MCQUEEN, E. G.: The nature of urinary casts, **367**
Malignant cytology and the clinical pathologist (P), **386**
— effusions, lactate dehydrogenase activity in diagnosis of, **57**
Malnutrition, infantile protein, muscle morphology in, **511**
MARKHAM, N. P.: A haemagglutination test for staphylococcal antileucocidin, **54**
MARKSON, J. L., and MOORE, J. M.: Thyroid auto-antibodies in pernicious anaemia (P), **386**
Marrow, total cellularity of, in man, **254**
—, — — —, — —, estimation of, by radioactive iron method (P), **91**
MARTIN, N. H. *See* CARTER, A., and MARTIN, N. H.
MATTHEWS, D. M., and BECKETT, A. G.: Serum vitamin B_{12} in renal failure, **456**
MATTINGLY, D.: A simple fluorimetric method for the estimation of free 11-hydroxycorticoids in human plasma, **374**
MAY, J. R., and RAWLINS, G. A.: A micro method for agar-gel precipitin reactions, **186**
MEEK, E. S.: Application of the Feulgen reaction to smears in exfoliative cytology, **387**
Megaloblastic anaemia treated with folic acid, changes in serum vitamin B_{12} levels in, **274**
— —, urinary excretion of histidine derivates in, **269**
Meningococcal meningitis, experiment in prevention of, in Nigeria, **50**
Mercury sensitivity of staphylococci, **249**
3-Methoxy 4-hydroxy mandelic acid, determination of, in urine, **388**
METZ, J. *See* HART, D., and METZ, J.
MEYNELL, M. J. *See* WHITFIELD, A. G. W., MEYNELL, M. J., FESSEY, B. M., and HUDSON, W. A.
Microtome knife guard, **390**
MILLER, A. A., and RAMSDEN, F.: Acute disseminated encephalomyelitis, with massive necrosis of the spinal cord, probably due to antitetanus serum, **314**
MILLER, H. *See* FIELD, E. J., MILLER, H., and RUSSELL, D. S.
MITCHELL, E. B.: A portable water-bath for use when investigating the coagulation mechanism, **289**
MITCHELL, E. S.: Frequency of serotypes of *Streptococcus pyogenes* in different diseases, **231**
MOHUN, A. F., and COOK, I. J. Y.: An improved dinitrosalicylic acid method for determining blood and cerebrospinal fluid sugar levels, **169**
Monkeys (*Lagothrix humboldti*) with hyperparathyroidism, phosphatase activity in limb bones of, **99**
Monoamine oxidase activity in toxaemia of pregnancy (P), **93**
MONTGOMERY, R. D.: Muscle morphology in infantile protein malnutrition, **511**
MOORE, B. P. L.: The use of papain-EDTA for Rh typing with 'incomplete' antisera, **85**
MOORE, J. M. *See* MARKSON, J. L., and MOORE, J. M.
Mucopolysaccharides, gastric, secretory pattern of, using histamine and insulin as stimulants (P), **89**
MURTI, B. R., RAJYALAKSHMI, K., and BHASKARAN, C. S.: Resistance of *Salmonella typhi* to chloramphenicol. I. A preliminary report, **544**
—, —, — —: Resistance of *Salmonella typhi* to chloramphenicol. II. The mechanism of resistance, **548**
Muscle morphology in infantile protein malnutrition, **511**
— potassium, reliability of biopsies in assessment of, in alimentary disease (P), **92**
'Myeloma' cells, exfoliated, in urine of case of multiple myelomatosis, **136**

NABAR, B. V.: A study in isolating circulating cancer cells from blood, **380**
NAGANNA, B., RAO, B. R., VENKAIAH, K. R., and RAO, P. L.: Isolation of a protective gamma-globulin fraction interfering with the zinc sulphate turbidity test, **73**
NAIRN, R. C., GHOSE, T., PORTEOUS, I. B., and URQUHART, J. A.: A routine immunofluorescence method for detecting autoantibodies to thyroid colloid, **594**
Needle biopsy of liver, **291**
NELSON, M. G.: The establishment of a clinical isotope laboratory (P), **384**
—: Practical experiences of automation in haematology (P), **91**
Newborn, acute laryngitis and obstructive emphysema in (P), **90**
—, pulmonary syndrome of, and laryngeal dysfunction, **527**
NEWMAN, G. E., and RYAN, M.: The determination of copper in biological materials by flame spectrophotometry, **181**
NICOL, A., and SCLARE, G.: Histological changes in the thyroid in cirrhosis of the liver, **26**
NIEWIAROWSKI, S., HAUSMANOWA-PETRUSEWICZ, I., and WEGRZYNOWICZ, Z.: Blood clotting factors in cerebrospinal fluid, **497**
NOBLE, W. C.: The dispersal of staphylococci in hospital wards, **552**
Nodular granulomatosis, pulmonary, caused by inhaled vegetable particles, **21**

Obesity, human, metabolic aspects of (P), **92**
O'BRIEN, J. R.: Platelet aggregation: I. Some effects of the adenosine phosphates, thrombin, and cocaine upon platelet adhesiveness, **446**
—: Platelet aggregation. II. Some results from a new method of study, **452**

O'CONNOR, P. M. *See* JONES, D. M., and O'CONNOR, P. M.
O'GORMAN, P. *See* BARNES, R. D. S., and O'GORMAN, P.
Organisms, dispersal of, from minor septic lesions, 559
Orosomucoid, estimation of, in health and disease, 585
OSBORN, G. R., and FLETT, R. L.: Acute laryngitis and obstructive emphysema in the newborn (P), 90
—, — —: Laryngeal dysfunction and the pulmonary syndrome of the newborn, 527
Osteoporosis, senile, assessment of adrenal cortical function after death in, 361
—, —, incidence, aetiology, and pathology of, 421

Pancreas, cystadenoma and cystadenocarcinoma of (P), 90; 432
Pancreatic disease, chronic, diagnostic value of faecal trypsin estimation in, 62
Papain, activated and non-activated, investigation into use of, in routine rhesus blood grouping, 503
Papain-EDTA, use of, for Rh typing with 'incomplete' antisera, 85
Papers, ion-exchange, and reversed phase paper chromatography for separation of barbiturates (P), 94
Parathyroid carcinoma, fatal recurrence of, after seven years, 438
Pasteurella haemolytica var. *ureae* from human sputum, 247
PATSTON, V. J. *See* COOKE, K. B., and PATSTON, V. J.
PAWAN, G. L. S.: Some metabolic aspects of human obesity (P), 92
PAYNE, R. B.: Serum protein fractions in rheumatoid pneumoconiosis without arthritis, 475
PEGG, D. E. *See* PLAYFAIR, J. H. L., and PEGG, D. E.
Pericardium, congenital defect of, 133
Pernicious anaemia, thyroid auto-antibodies in (P), 386
Persulphuric acid oxidation, determination of cholesterol in serum by, 221
Perthes' disease, ABO and Rhesus blood groups in (P), 91; 163
Phaeochromocytoma, chemical tests for (P), 384
—, secretory properties of (P), 384
PHILLIPS, M. J.: Bilateral renal cortical necrosis associated with calcification: report of a case and a review of aetiology, 31
PHILP, J. R., WEIR, D. M., STUART, A. E., and IRVINE, W. J.: A latex particle precipitation test in the diagnosis of thyroid disease, 148
Phosphatase activity in limb bones of monkeys (*Lagothrix humboldti*) with hyperparathyroidism, 99
Phycomycetosis, subcutaneous, 126
Physaliphorous cell, fine structure of chordoma with particular reference to, 116
Pigmentation, skeletal, due to tetracycline, 112
Plasma, human, fluorimetric method for estimation of free 11-hydroxycorticoids in, 374
— recalcified clotting test, improved, 86; (P), 92
—, seminal, proteins of (P), 383
— volume, estimation of, with radioiodinated human serum albumin, 459
Plastic tubing, use of, in roller pumps, 285
Platelet aggregation, 446
Platelets, human, easy method to determine serotonin content of, 191
PLAYFAIR, J. H. L., and PEGG, D. E.: An improved container for cells preserved by freezing, 591
Plumbism in pottery industry (P), 386
Pneumoconioses (Conflict of living matter with mineral world), 394
Pneumoconiosis, rheumatoid, without arthritis, serum protein fractions in, 475
POLICARD, A.: The conflict of living matter with the mineral world: the pneumoconioses, 394
POLLER, L.: Laboratory control of oral anticoagulant treatment (P), 385
PORTEOUS, I. B. *See* NAIRN, R. C., GHOSE, T., PORTEOUS, I. B., and URQUHART, J. A.
Potassium, muscle, reliability of, biopsies in assessment of, in alimentary disease (P), 92
—, radioactive, use of (P), 385
POTTER, C. W. *See* SHEDDEN, W. I. H., POTTER, C. W., DUBOWITZ, V., and WOOD, M.
Precipitin reaction between serum and lysed erythrocytes, 40
— test, for thyroid antibodies, 462
Pregnancy, toxaemia of, monoamine oxidase activity in (P), 93
PRIOR, A. P. *See* ALEXANDER, M. K., BARROWCLIFF, D. F., PRIOR, A. P., ROBINSON, R., and SMITH, P.
Protein fractions, cerebrospinal fluid, in health and disease, 206
— —, serum, distribution of alkaline phosphatase in, 195
— —, —, in rheumatoid pneumoconiosis without arthritis, 475
— malnutrition, infantile, muscle morphology in, 511
Proteins, iodinated, in study of gastrointestinal function (P), 385
— of seminal plasma (P), 383
—, serum, distribution of alkaline phosphatase in, in hypophosphatasia, 200
Prothrombin, relationship of coagulase activator to (P), 92
Prower-Stuart factor activities, separate assessment of, 501
PROWSE, C. M., and BLECHER, T. E.: Exfoliated 'myeloma cells' in the urine of a case of multiple myelomatosis, 136
Pulmonary cytomegalic inclusion-body disease in diabetic, 17
— nodular granulomatosis caused by inhaled vegetable particles, 21
— syndrome of newborn, laryngeal dysfunction and, 527
Pumps, roller, use of plastic tubing in, 285
Pyelonephritis, chronic, diagnosis of scars of, 522
Pyruvate concentration, blood, measured by specific method in control subjects, 579

Q fever endocarditis, clinical, virological, and pathological findings in fatal case of, 235

Radioactive isotopes, use of, in clinical laboratory (Symposium), 384
Radio-iodinated lipids, determination of free ^{131}I in, 76
RAINE, D. N.: Macroscopic demonstration of infarction in fresh brain slices, 593
RAJYALAKSHMI, K. *See* MURTI, B. R., RAJYALAKSHMI, K., and BHASKARAN, C. S.
RAMSDEN, F. *See* MILLER, A. A., and RAMSDEN, F.
RAO, B. R. *See* NAGANNA, B., RAO, B. R., VENKAIAH, K. R., and RAO, P. L.
RAO, P. L. *See* NAGANNA, B., RAO, B. R., VENKAIAH, K. R., and RAO, P. L.
RAWLINS, G. A. *See* MAY, J. R., and RAWLINS, G. A.
RAWSTRON, J. R., and FARTHING, C. P.: A comparison of tests for thyroglobulin antibody, 153
READ, J. M., and YENSON, E.: A survey of staphylococcal infections in Group 9 hospitals, 141
Red cell aggregation in dextrose solutions, 161
— — antigens and enzymes after storage at −196°C., −100°C., and −78°C. (P), 93
— — volume and red cell survival in normal aged people, 343
— — —, estimation of, with ^{51}Cr-labelled erythrocytes, 459
REES, E. *See* SYMONS, M., REES, E., and GRANT, G. H.
Renal cortical necrosis, bilateral, associated with calcification, 31
— failure, serum vitamin B_{12} in, 456
Reticulocyte release factor, 260
Rh typing with 'incomplete' antisera, use of papain-EDTA for, 85
Rhesus and ABO blood groups in Perthes' disease (P), 91; 163
— blood grouping, routine, investigation into use of activated and non-activated papain in, 503
Rheumatic heart disease, kidney in, 414
Rheumatoid arthritis, latex slide test for, using gamma globulin in patient's serum, 472
— pneumoconiosis without arthritis, serum protein fractions in, 475
RICHARDS, H. G. H., and D. L.: The osmotic fragility of leucocytes in leucopenic disorders (P), 89
ROBINSON, R. *See* ALEXANDER, M. K., BARROWCLIFF, D. F., PRIOR, A. P., ROBINSON, R., and SMITH, P.
Roller pumps, use of plastic tubing in, 285
ROSALKI, S. B.: A simple colorimetric method for the determination of serum alpha-hydroxybutyric dehydrogenase activity, 566
ROSIN, A. J. *See* HURDLE, A. D. F., and ROSIN, A. J.
RUSSELL, D. S.: The kidney in rheumatic heart disease, 414
—. *See also* FIELD, E. J., MILLER, H., and RUSSELL, D. S.
RYAN, M. *See* NEWMAN, G. E., and RYAN, M.

Salmonella typhi, resistance of, to chloramphenicol, 544
SANDLER, M., CGVENEY, J., and BALDOCK, E.: Monoamine oxidase activity in toxaemia of pregnancy (P), 93
Sarcoma of breast, with particular reference to its origin from fibroadenoma, 1
SCHOEN, I., and SOLOMON, M.: Control of blood haemoglobin determinations by a simple effective method, 44
SCHRAGER, J.: The secretory pattern of the gastric mucopolysaccharides using histamine and insulin as stimulants (P), 89
SCHRIRE, L. *See* HAYDEN-SMITH, S., and SCHRIRE, L.
SCLARE, G. *See* NICOL, A., and SCLARE, G.
Sclerosis, acute disseminated, glial inclusion bodies in case of, 278
SELWYN, J. G.: Technical notes on performing leucocyte counts on the EEL blood cell counter, 189
Seminal plasma, proteins of (P), 383
Septic lesions, minor, dispersal of organisms from, 559
Serotonin content of human platelets, easy method to determine, 191
Serratia marcescens, cross-infection with, 145
Serum albumin, radioiodinated human, estimation of plasma volume with, 459
— alkaline phosphatase, modifications to autoanalyzer method for (P), 94
— alpha-hydroxybutyric dehydrogenase activity, colorimetric method for determination of, 566
— and lysed erythrocytes, precipitin reaction between, 40
—, chemical control, 490
—, determination of cholesterol in, by persulphuric acid oxidation, 221
— folic acid levels, diagnostic value of, using *Lactobacillus casei* (P), 386
—, iron content and binding capacity of, improved methods for determination of, 156
— protein fractions, distribution of alkaline phosphatase in, 195
— — — in rheumatoid pneumoconiosis without arthritis, 475
— proteins, distribution of alkaline phosphatase in, in hypophosphatasia, 200
— sialic acid levels in health and disease, 69
— tube identification of *Candida albicans*, 563

— vitamin B_{12} levels, changes in, in megaloblastic anaemia treated with folic acid, **274**
— — — in renal failure, **456**
SHARP, A. A. *See* TEMPERLEY I. J., and SHARP, A. A.
SHEDDEN, W. I. H., POTTER, C. W., DUBOWITZ, V., and WOOD, M.: An epidemic of gastroenteritis due to an uncommon variant of *Escherichia coli* O.128, **482**
SHERLOCK, S.: Needle biopsy of the liver: a review, **291**
—. *See also* TURNER, P., JHA, V. N., CROWLEY, N., and SHERLOCK, S.
Sialic acid levels, serum, in health and disease, **69**
Skeletal pigmentation due to tetracycline, **112**
SLADE, N. *See* LINTON, K. B., SLADE, N., LENNON, G. G., and GILLESPIE, W. A.
SLIDDERS, W. *See* LENDRUM, A. C., FRASER, D. S., SLIDDERS, W., and HENDERSON, R.
SMALL, N. A. *See* GEORGES, R. J., and SMALL, N. A.
SMITH, H.: Reticulocyte release factor, **260**
SMITH, J. F.: The diagnosis of the scars of chronic pyelonephritis, **522**
SMITH, P. *See* ALEXANDER, M. K., BARROWCLIFF, D. F., PRIOR, A. P., ROBINSON, R., and SMITH, P.
Sodium, radioactive, use of (P), **385**
SOLOMON, M. *See* SCHOEN, I., and SOLOMON, M.
Spectrophotometry, flame, determination of copper in biological materials by, **181**
SPENCER, G. C. *See* WRIGHT, M. P., and SPENCER, G. C.
Spinal cord, massive necrosis of, probably due to antitetanus serum, acute disseminated encephalomyelitis, with, **314**
SPRIGGS, A. I. *See* ALEXANDER, R. F., and SPRIGGS, A. I.
Sputum, human, *Pasteurella haemolytica* var. *ureae* from, **247**
Staining of fibrin, **401**
Staphylococcal anti-leucocidin, haemagglutination test for, **54**
— infections in Group 9 hospitals, **141**
Staphylococci, dispersal of, in hospital wards, **552**
—, mercury sensitivity of, **249**
—, tellurite-egg-yolk agar as selective medium for, in clinical bacteriology (P), **383**
Staphylococcus, coagulase-negative strains of, possessing antigen 51 as agents of urinary infection, **252**
STREET, H. V.: The use of ion-exchange papers and reversed phase paper chromatography for the separation of barbiturates (P), **94**
Streptococcus pyogenes, frequency of serotypes of, in different diseases, **231**
STUART, A. E. *See* PHILP, J. R., WEIR, D. M., STUART, A. E., and IRVINE, W. J.
Subcutaneous phycomycetosis, **126**
Surgical ward, system of air recirculation and antibacterial surface treatment in, **242**
SWAMINATHAN, S. P. *See* JOHNSON, S., SWAMINATHAN, S. P., and BAKER, S. J.
SWAN, H. T.: Fibrinolysis related to age in men (P), **89**
SYMONS, M., REES, E., and GRANT, G. H.: The proteins of seminal plasma (P), **383**

TAYLOR, G., and KEANE, P. M.: Cross-infection with *Serratia marcescens*, **145**
TAYLOR, R. F. *See* BEALE, R. N., BOSTROM, J. O., and TAYLOR, R. F.
TAYLOR, W. H.: Hypernatraemia in cerebral disorders, **211**
Tellurite-egg-yolk agar as selective medium for staphylococci in clinical bacteriology (P), **383**
TEMPERLEY, I. J., and SHARP, A. A.: The life span of erythrocytes in iron-deficiency anaemia, **346**
Temporal arteritis, circulating anticoagulant occurring after, and controlled by corticosteroid therapy, **357**
Tetracycline, skeletal pigmentation due to, **112**
Thalassaemia gene, high foetal haemoglobin gene and its interaction with, **350**
THOM, B. T., and WHITE, R. G.: The dispersal of organisms from minor septic lesions, **559**
Thrombin, some effects of, upon platelet adhesiveness, **446**
Thymus, tumours of, aplastic anaemia associated with, **264**
Thyroglobulin antibody, comparison of tests for, **153**
Thyroid antibodies, diagnostic tests for: comparison of precipitin and latex-fixation (Hyland TA) tests, **462**
— auto-antibodies in pernicious anaemia (P), **386**
— colloid, routine immunofluorescence method for detecting auto-antibodies to, **594**
— disease, latex particle precipitation test in diagnosis of, **148**
—, histological changes in, in cirrhosis of liver, **26**
TORRES PEREIRA, A.: Coagulase-negative strains of staphylococcus possessing antigen 51 as agents of urinary infection, **252**
Toxaemia of pregnancy, monoamine oxidase activity in (P), **93**
TRINDER, P., and HARPER, F. E.: A colorimetric method for the determination of carboxyhaemoglobin over a wide range of concentrations, **82**
Tris-E.D.T.A., separation of haemoglobins in starch or acrylamide gels buffered with, **288**
Trypsin estimation, faecal, diagnostic value of, in chronic pancreatic disease, **62**
Tubing, plastic, use of, in roller pumps, **285**
Tumours of thymus, aplastic anaemia associated with, **264**
Turbidimetric method, incidence of cryoglobulinaemia as determined by, **569**
Turbidity test, zinc sulphate, isolation of protective gamma-globulin fraction interfering with, **73**
TURNER, P., JHA, V. H., CROWLEY, N., and SHERLOCK, S.: Haemagglutination in acute hepatitis and other diseases, **491**

Urinary casts, nature of, **367**
— excretion of histidine derivatives in megaloblastic anaemia and other conditions and comparison with folic acid clearance test, **269**
— infection, coagulase-negative strains of staphylococcus possessing antigen 51 as agents of, **252**
— — following catheterization of female patients, causes and prevention of (P), **383**
— 17-ketosteroids, determination of, by improved Zimmermann reaction, **574**
Urine, determination of 3-methoxy 4-hydroxy mandelic acid in, **388**
— of case of multiple myelomatosis, exfoliated 'myeloma cells' in, **136**
URQUHART, J. A. *See* NAIRN, R. C., GHOSE, T., PORTEOUS, I. B., and URQUHART, J. A.

VALENTINE, J. C. *See* CROME, L., and VALENTINE, J. C.
VENKAIAH, K. R. *See* NAGANNA, B., RAO, B. R., VENKAIAH, K. R., and RAO, P. L.
Vitamin B_{12} levels, serum, changes in, in megaloblastic anaemia treated with folic acid, **274**
— —, radioactive, practical uses of (P), **385**
— —, serum, in renal failure, **456**
VOLLUM, R. L., and GRIFFITHS, P. W. W.: An experiment in the prevention of meningococcal meningitis in Nigeria, **50**

WAIND, A. P. B. *See* HORROCKS, J. E., KING, J., WAIND, A. P. B., and WARD, J.
WALTERS, G. *See* KELLEHER, J., and WALTERS, G.
WARD, J. *See* HORROCKS, J. E., KING, J., WAIND, A. P. B., and WARD, J.
Ward, surgical, system of air recirculation and antibacterial surface treatment in, **242**
Wards, hospital, dispersal of staphylococci in, **552**
WARREN, G. *See* WILSON, J. F., and WARREN, G.
Water-bath, portable, for use when investigating coagulation mechanism, **289**
WATERWORTH, P. M. *See* GARROD, L. P., and WATERWORTH, P. M.
WEGRZYNOWICZ, Z. *See* NIEWIAROWSKI, S., HAUSMANOWA-PETRUSEWICZ, I., and WEGRZYNOWICZ, Z.
WEIR, D. M. *See* PHILP, J. R., WEIR, D. M., STUART, A. E., and IRVINE, W. J.
WETHERLEY-MEIN, G.: The practical uses of radioactive iron and B_{12} (P), **385**
WHITE, R. G. *See* THOM, B. T., and WHITE, R. G.
WHITEHEAD, P. H. *See* EASTON, J. A., HARDWICKE, J., and WHITEHEAD, P. H.
WHITFIELD, A. G. W., MEYNELL, M. J., FESSEY, B. M., and HUDSON, W. A.: A circulating anticoagulant occurring after temporal arteritis and controlled by corticosteroid therapy, **357**
WILKINS, M. D. *See* LOWBURY, E. J., LILLY, H. A., and WILKINS, M. D.
WILLS, M. R. *See* MCGOWAN, G. K., and WILLS, M. R.
WILSON, J. F., and WARREN, G.: Precipitin reaction between serum and lysed erythrocytes, **40**
WILSON, S. M. *See* HEARD, B. E., HASSAN, A. M., and WILSON, S. M.
WINTER, G. C. B., and WRATTEN, B. E.: An investigation into the use of activated and non-activated papain in routine rhesus blood grouping, **503**
WOLMAN, M.: A histochemical study of various forms of cerebral lipidoses, **324**
WOOD, M. *See* SHEDDEN, W. I. H., POTTER, C. W., DUBOWITZ, V., and WOOD, M.
WRATTEN, B. E. *See* WINTER, G. C. B., and WRATTEN, B. E.
WRIGHT, M. P., and SPENCER, G. C.: The use of plastic tubing in roller pumps, **285**
WYNN, V. *See* LANDON, J., FAWCETT, J. K., and WYNN, V.

YENSON, E. *See* READ, J. M., and YENSON, E.

Zimmermann reaction, improved, determination of urinary 17-ketosteroids by, **574**
Zinc sulphate turbidity test, isolation of protective gamma-globulin fraction interfering with, **73**